

What is claimed is:

1. A pad coating system, comprising:
 - an ultraviolet (UV) source portion which includes first control switches, which irradiates UV light during a pad coating operation in response to a UV source open/close signal, and which outputs first signals indicative of respective operative states of the the first control switches;
 - a dispenser which includes second control switches, which dispenses a coating liquid during the pad coating operation in response to a coating condition designation signal, and which output second signals indicative of respective operative states of the second control switches; and
 - a prober which generates the UV source open/close signal and the coating condition designation signal, which controls the pad coating operation, and which stops the pad coating operation in response to the first and second signals.
2. The system of claim 1, wherein the prober comprises an interrupt signal generating circuit which generates an interrupt signal in response to the first and second signals, and controller which stops the pad coating operation in response to the interrupt signal.
3. The system of claim 2, wherein the pad coating system further comprises an input/output portion which transmits and receives data to and from the controller.

4. The system of claim 1, wherein the prober comprises a first interrupt signal generating circuit which generates a first interrupt signal in response to the first signals, a second interrupt signal generating circuit which generates a second interrupt signal in response to the second signals, and controller which stops the pad coating operation in response to the first and second interrupt signals.

5. The system of claim 1, wherein the first control switches include a shutter open/close switch which opens and closes a shutter to enable UV irradiation, a time/manual mode switch which sets a UV irradiation time either automatically or manually, and a UV lamp switch turns on and off a UV lamp.

6. The system of claim 1, wherein the second switches include an internal/external mode switch which sets pad coating conditions either automatically or manually, and a time/manual mode switch which sets a coating time either automatically or manually.

7. An interlock method for a pad coating system, the pad coating system including an ultraviolet (UV) source portion which includes first control switches and which irradiates UV light during a pad coating operation in response to a UV source open/close signal, a dispenser which includes second control switches and which dispenses a coating liquid during the pad coating operation in response to a coating condition designation signal, and a prober which generates the UV source open/close signal and the coating condition

designation signal and which controls the pad coating operation, said method comprising:

monitoring operational states of the the first and second switches; and
stopping the pad coating operation when the operational state of at
least one of the first and second switches is not set to a desired state.

8. The method of claim 7, further comprising:

outputting first signals indicative of respective operational states of the
the first control switches;

outputting second signals indicative of respective operational states of
the second control switches;

generating an interrupt signal in accordance with the first and second
signals; and

stopping the pad coating operation and generating at least one of an
alarm and error message in response to the interrupt signal.

9. The method of claim 7, further comprising:

outputting first signals indicative of respective operational states of the
the first control switches;

outputting second signals indicative of respective operational states of
the second control switches;

generating a first interrupt signal in accordance with the first signals and
a second interrupt signal in accordance with the second signals; and

stopping the pad coating operation and generating at least one of an alarm and error message in response to the first and second interrupt signals.

10. The method of claim 7, wherein the first control switches include a shutter open/close switch which opens and closes a shutter to enable UV irradiation, a time/manual mode switch which sets a UV irradiation time either automatically or manually, and a UV lamp switch turns on and off a UV lamp.

11. The system of claim 7, wherein the second switches include an internal/external mode switch which sets pad coating conditions either automatically or manually, and a time/manual mode switch which sets a coating time either automatically or manually.